

UTAH CTE SKILL CERTIFICATE

ELECTRONICS 1

STUDENT PERFORMANCE EVALUATION

TEST #550

TEST ID: 560

Comment [US1]:

Student Name: _____

The performance evaluation is a required component of the Skill Certification process. Each student **must be evaluated** on the required performance standards. Performance standards may be completed and **evaluated anytime during the course**.

- Students should be aware of their progress throughout the course, so that they can concentrate on the objectives that need improvement.
- Students should be encouraged to repeat the objectives until they have performed at a minimum of a number 1 or 2 on the rating scale (moderately to highly competent level).
 - 1= highly competent Successfully demonstrated without supervision
 - 2= moderately competent Successfully demonstrated with limited supervision
 - 3= limited competence Demonstrated with close supervision
 - 4= not competent Demonstration requires direct instruction and supervision
- When a standard has been achieved at a minimum of 80% (moderately to highly competent level). "Y" (Y=YES) is recorded on the last line of that standard, on the performance evaluation sheet. If a student does not achieve a 1 or a 2 (moderately to highly competent level), then "N" (N=NO) is recorded on the last line of that standard.
- All performance standards **MUST** be completed and evaluated prior to the written test.
- The **teacher** will bubble in "A" on the answer sheet for item #81 for students who have achieved "Y" on **ALL** performance standards.
- The **teacher** will bubble in "B" on the answer sheet for item #81 for students who have **ONE or more "N"s** on the performance standards.
- The signed performance evaluation sheet(s) **MUST** be kept in the teachers' file for two years.
- A copy is also kept on file with the school's ATE Skill Certification testing coordinator for two years.

Students who achieve a 1 or a 2 (moderately to highly competent) on ALL performance standards and 80% on the written test will be issued an ATE Skill Certificate.

470105-01 Students will be able to understand and demonstrate safe practices.	1	2	3	4
<input type="checkbox"/> Use safe work practices.				

470105-02 Students will be able to understand and demonstrate the use of shop tools, materials, and techniques.	1	2	3	4
<input type="checkbox"/> Select, use and maintain hand and power tools.				
<input type="checkbox"/> Select and use hardware				
<input type="checkbox"/> Solder and desolder				

470105-03 Students will be able to understand and demonstrate the use of test equipment.	1	2	3	4
<input type="checkbox"/> Use multimeters – digital and analog.				
<input type="checkbox"/> Use bench power supplies.				

470105-04 Students will be able to understand and demonstrate how to test and select passive electronics components.	1	2	3	4
<input type="checkbox"/> Identify electronic components.				
<input type="checkbox"/> Use, test and select batteries				
<input type="checkbox"/> Use, test and select resistive devices.				
<input type="checkbox"/> Connect, test, and select switches.				
<input type="checkbox"/> Test, select, connect relays.				

470105-06 Students will be able to understand and demonstrate capacitors & their application.	1	2	3	4
<input type="checkbox"/> Use, test, and select capacitors				

470105-07 Students will be able to troubleshoot transformer circuits.	1	2	3	4
<input type="checkbox"/> Troubleshoot transformer circuits.				

470105-08 Students will be able to understand and deomstrate basic electronic theroy.	1	2	3	4
<input type="checkbox"/> Construct resistive circuits, measure voltage, current and resistance, and calculate current and power.				
<input type="checkbox"/> Construct, measure, and analyze simple series circuits.				
<input type="checkbox"/> Construct, measure, and analyze simple parallel circuits.				

The instructor must retain a copy of this Student Performance Evaluation for two years after the student has left the program.

Instructor Signature: _____ Date: _____

Student Signature: _____ Date : _____

School: _____